

EXPLANATION

Structure contours
Drawn on top of Simpson Group. Queried where approximately located. Interval 100 feet except locally 200 feet along Nemaha anticline

Approximate axis of large anticline

Fault
Dashed or queried where approximately located; U, upthrown side; D, downthrown side

Simpson Group absent

SOURCES OF WELL-LOG INFORMATION

INTERPRETIVE SAMPLE LOGS

Kansas Sample Log Service

Wendell S. Johns

W. L. Adkison

Solid symbol indicates well was logged using samples concurrently with electrical or radioactivity logs; open symbol indicates well was logged using samples only. Wells that did not reach top of Simpson Group are not shown

PERCENTAGE SAMPLE LOGS

Kansas Geological Survey

Logs by W. Lee, C. Leatherock, T. Botinelly, and J. Batchelor

OTHER LOGS

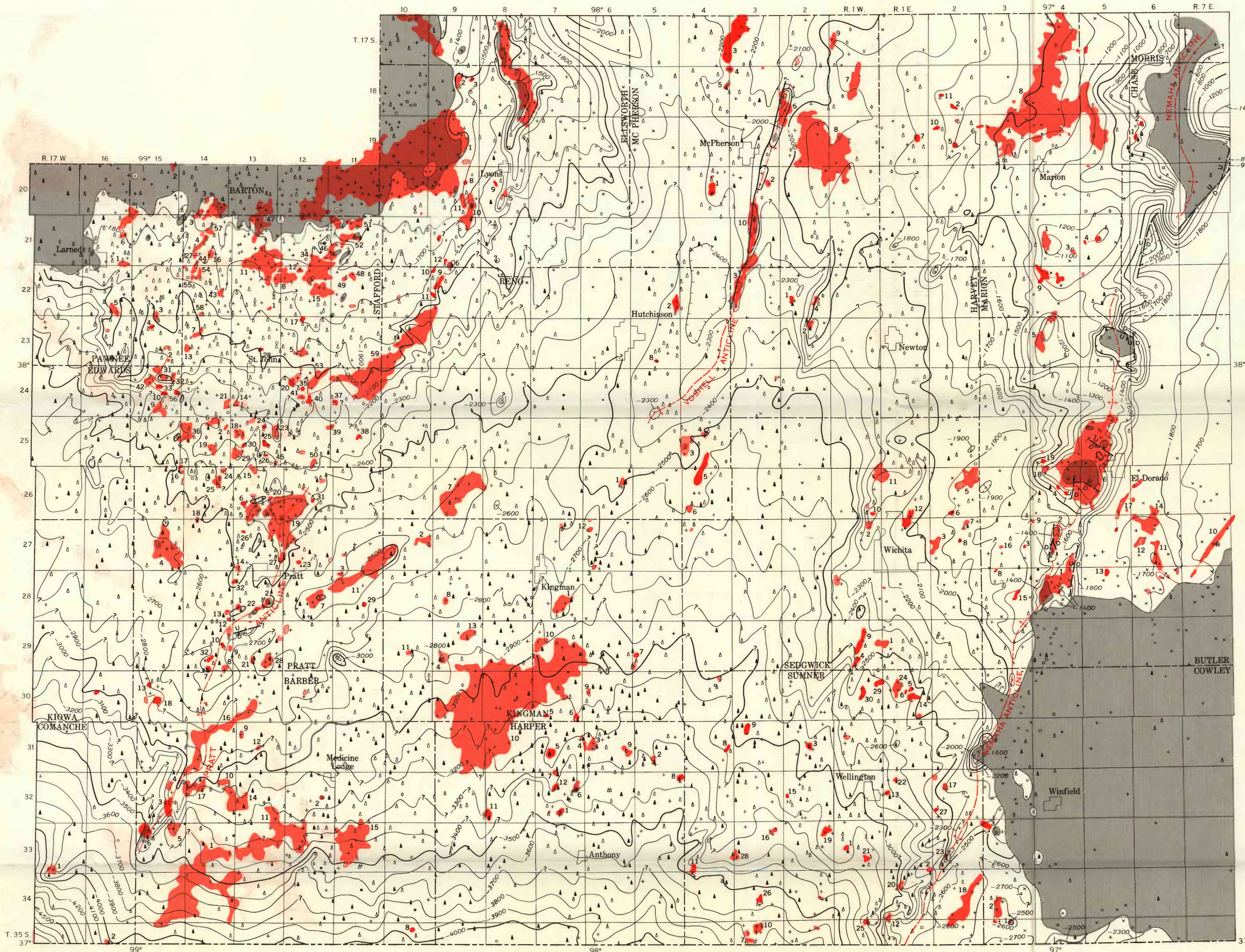
Electrical or radioactivity logs

Well-completion reports or drillers logs

Oil fields productive in 1965 from Middle and (or) Upper Ordovician rocks; number refers to field listed in table 2

Oil fields productive in 1965 from Middle and (or) Upper Ordovician rocks and also older and (or) younger rocks; number refers to field listed in table 2

Oil field abandoned prior to 1965
Field outlines adapted or modified from:
1. Beene (1967)
2. Beene and Oros (1965, pl. 1)
3. Beene and Oros (1967)
4. Numerous earlier reports of the Kansas Geological Survey



Base by U.S. Geological Survey, 1972

Structure contours in Tps. 27 and 28 S., R. 4 E. generalized from Berry and Harper (1948, fig. 5). Location of faults in T. 25 S., R. 5 E., and T. 26 S., R. 4 and 5 E. is largely from Reeves (1929, fig. 5). Location of fault along Voshell anticline (McPherson and northwestern Harvey Counties) is adapted from Bunte and Fortier (1941, figs. 5, 6), Cole (1962), and Merriam and Smith (1961)

STRUCTURE CONTOUR MAP OF THE SEDGWICK BASIN AND ADJACENT AREAS, SOUTH-CENTRAL KANSAS, SHOWING
OIL AND GAS FIELDS THAT PRODUCE FROM MIDDLE AND UPPER ORDOVICIAN ROCKS

